Customer Care Solutions
RH-18/36/38 Series Transceivers

General Information

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General information about Nokia RH-18/36/38

Nokia RH-18/36/38 (Nokia 1100) are a based on a common phone platform with a b/w display. The Nokia1100 operates on dual-band GSM (900/1800 MHz or 850/1900 MHz) and EGSMnetworks,

Nokia 1100 basic products and modules are listed below.

Name	Type code	Material code/ module type	Module code
Basic transceiver Nokia 1100	RH-18/36/38		
System module		1AW	*

Variants are listed in a dedicated section of the manual, “Variants”.

Figure 1: Nokia 1100 front view

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Accessories List

Batteries	Type	Product code:	Remarks
Battery 850mAH Li-Ion	BL-5C	0670397	
Battery 820mAH Li-Ion	BR-5C	0670449	Nokia 2300
Chargers	**Type**	**Product code:**	
AC Travel Charger (EUR) 207-253 Vac	ACP-7E	0675144	
AC Travel Charger (US) 108-132 Vac	ACP-7U	0675143	
AC Travel Charger (US) 207-253 Vac	ACP-7P	0675147	
AC Travel Charger (US) 198-242 Vac	ACP-7C	0675158	
AC Travel Charger (UK) 207-253 Vac	ACP-7X	0675145	
AC Travel Charger (UK) 180-220 Vac	ACP-7H	0675146	
AC Travel Charger (AUS) 216-264 Vac	ACP-7A	0675148	
Performance Travel Charger (EUR) 90-264 Vac	ACP-8E	0675195	
Performance Travel Charger (Korea) 90-264 Vac	ACP-8K	0675199	
Performance Travel Charger (UK) 90-264 Vac	ACP-8X	0675197	
Performance Travel Charger (US) 90-264 Vac	ACP-8U	0675196	
Performance Travel Charger (China) 90-264 Vac	ACP-8C	0675211	
Performance Travel Charger (Australia) 90-264 Vac	ACP-8A	0675214	
Travel Charger (EUR) 90-264 Vac	ACP-12E	0675294	
Travel Charger (UK) 90-264 Vac	ACP-12X	0675296	
Travel Charger (UK) 90-264 Vac	ACP-12U	0675303	
Travel Charger (US) 90-264 Vac	ACP-12UB	0675203	
Travel Charger (US) 90-264 Vac	ACP-12G	0675295	
Travel Charger (China) 90-264 Vac	ACP-12C	0675297	
Travel Charger (Australia) 90-264 Vac	ACP-12A	0675300	
Travel Charger (Argentina) 90-264 Vac	ACP-12AR	0675298	
Portable and Office Accessories	**Type**	**Product code:**	
Cigarette Lighter Charger	LCH-9	0675120	
Cigarette Lighter Charger	LCH-12	0675328	
Retractable Travel Charger	AC-1	067	

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Supported audio accessories

Car Accessories:	Type	Product code
Headrest handsfree	BHF-2	0694158
Plug-in HF car kit	PPH-1	0675182
HF microphone	HFM-8	0690016
Personal accessories:	**Type**	**Product code**
Boom headset P&P	HDB-5	0694107
Double mono Headset	HDD-1	0694066
Basic headset w/2.5mm plug	HDE-2	0694075
Headset	HDC-5	0694081
Retractable headset	HDC-10	0694114
FM radio headset	HS-2R	0694129
Inductive Loopset	LPS-3	
TTY adapter	HDA-9	0694116

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Technical Specifications

General Specifications of Transceiver

Unit	Dimensions (mm) (L x W x T)	Weight (g)	Volume (cm^3)
Transceiver with BL-5C 720mAh Li-Ion battery pack	106x45.5x19.6	93	72

Parameter	Value
Cellular System	GSM900, EGSM900, GSM1800 and GSM850, PCS1900
RX Frequency Band	EGSM: 925 - 935 MHz GSM850: 869 - 894 MHz GSM900: 935 - 960 MHz GSM1800: 1805 - 1880 MHz PCS1900: 1930 - 1990 MHz
TX Frequency Band	EGSM: 880 - 890 MHz GSM850: 824 - 849 MHz GSM900: 890 - 915 MHz GSM1800: 1710 - 1785 MHz PCS1900: 1850 - 1910 MHz

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Transmitter output power

Frequency band	Value
GSM900, EGSM900	32.5dBm
GSM1800	28.5dBm
GSM850	32.5dBm
GSM1900	28.5dBm

Environmental conditions

Environmental condition	Ambient temperature	Notes
Normal operation	-10 °C ... +55 °C	Specifications fulfilled
Reduced performance	+55 °C ... +65 °C	Operational only for short periods
Intermittent operation	-20 °C ... -10 °C and +65 °C ... +85 °C	Operation not guaranteed but an attempt to operate will not damage the phone
No operation	-40 °C ... -20 °C	Operation not possible but an attempt to operate will not damage the phone
No operation or storage	< -40 °C and > +85 °C	No storage; an operation attempt may cause permanent damage
Charging allowed	-25 °C ... +60 °C	
Long term storage conditions	0 °C ... +40 °C	

Transceiver Features

The features include:

- 720mAh battery
- standby time 100 to 400 hrs, talk time 2 to 4.30 hrs
- 2MByte (16Mbit) flash memory
- Power key integrated in keypad
- Internal vibra
- Flashlight
- Black and white display (resolution: 96 columns x 65 rows, technology: FSTN)

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